

ABSTRACT

An airbag apparatus for safety includes an airbag inflating in response to a signal, and a sensor sensing a movement and generating the signal in response to the movement. A controller is configured to
5 issue a command for squibbing a squib based on the signal. The airbag apparatus also includes a plurality of drivers operating in response to the command and a plurality of independent channels connecting the controller and the drivers to transmit the command from the controller to the drivers and a plurality of switching elements to squib the squib
10 for inflating the airbag, for example, in a vehicle.